D-20-1 NDDOT ABBREVIATIONS

Ab n	aba n do n ed	C B	catch basin	М3	cubic meter	FOS
Ab ut	ab utm e nt	CRS	cationic rapid setting	M3/s	cubic meters per second	F
Ac	acres	C G d	c attle guard	CY	cubic yard	FS
Adj	adj ust ed	C To C	center to center	Cy/mi	cubic yards per mile	F
Agg r	agg r ega t e	Clor €	c enterline	Culv	culvert	Fed
A h d	a h ead	Cm	centimeter	C&G	curb & gutter	FHW A
AR V	ai r r elea s e valve	Ch	ch ai n	CI	cur b i nlet	F P
Alig n	alig nment	Chnlk	ch ai n-link	C R	curb ramp	Ft
Al	alle y	Ch Blk	channel block	CS	curve to spiral	Fn
Alt	alte rn ate	Ch Ch	channel change	С	cut	Fn P
Alum	a lum i num	Chk	check	Dd L d	dead load	FO
Α	a m pe r e	Chsl d	chis eled	De fl	de flect io n	F B
&	a n d	Cir	circl e	De fm	de form ed	F D
App r	app r oa ch	CI	class	Deg o r D	degree	F
App r o x	app roximat e	CI	c la y	D int	deli n eate	FS
A C P	a s be stos cement pipe	CI F	clay fill	D intr	delineator	FH
A s p h	a s p halt	Cl Hvy	clay heavy	Dep r	dep ress io n	FI
AC	asphalt cement	CI Lm	clay loam	De sc	description	Fir d
A ssm d	a ssum ed	CInt	clean-out	De t	detail	FES
@	a t	Clr	clear	D tr	detour	F Bcn
A tt e n	attenuation	CI&gr	clearing & grubbing	Dia	dia meter	FA
A v e	Avenue	Co S	coal slack	Di r	direction	FL
A v g	average	Comb.	combination	Di st	di stanc e	F t g
ADT	average daily traffic	Comi	commercial	D M	di stur bed m a t e r ial	FM
Az	azimuth	Compr	compression	DB	ditch block	Fs
B k	ba ck	CADD	computer aided drafting & design	D G	di tch grade	F n d
B F	ba ck fac e	Conc	concrete	Dbl	double	Fd n
B s	ba ck face ba cks ig ht	Cond	conductor	D n	do wn	Frac
Ba lc	-	Const	construction	D w g		
B W ire	balcony			D w g D r	drawing	Frwy Frt
	barbed wire	Cont CSB	continuous		drive	FF.
Ba rr	ba rric ade		continuous split barrel sample	D rwy	driveway	
Btry	ba ttery	Contr	contraction	DI	drop i nlet	F Di s p
B r g	bearing	Contr	contractor	D 5-	dry density	FFP FLO
BI	beehive inlet	C P	control point	E a	ea ch	FLS
Beg	begi n	Coord	c oo r di n a t e	Esmt	ea s ement	Furn
B M	be nch m ark	Cor	corner	E	East	Gal
B kwy	bi keway	Corr	corrected	Ela st	elastomeric	Galv
Bit	bi tuminous	CAES	corrugated aluminum end section	EL	electric locker	Gar
B lk	blo ck	C AP	c o rru ga t ed a lum i num pipe	E Mtr	electric meter	Gs L
Bd Ft	boa r d feet	CMES	corrugated metal end section	Elec	ele ctric /al	G Reg
В Н	bo r e h ole	CMP	c orrugated m etal pipe	E D M	electronic distance meter	GMV
B S	bo th s ide s	CPVC P	corrugated poly-vinyl chloride pipe	Elev or El		G Mtr
Bo t	bo ttom	CSES	corrugated steel end section	Ell ip t	e ll ip t i c al	GSV
B iv d	Bo ulevar d	CS P	c orrugated st eel pipe	Em b	e m ba nkm e nt	GV P
B n dry	bo un da ry	С	c o ul o m b	Emuls	e muls io n/emulsif ied	
BC	b r a ss c ap	Co	County	ES	end section	
B rkwy	b r ea kaway	Crs e	course	En gr	e n gi n eer	
Br	b r idge	C Gr	course gravel	E q	equal	
Bldg	b u ildi n g	CS	course sand	Eq	eq u a t io n	
B LM	Bureau of Land Management	Ct	Court	Ev g r	e v ergree n	
B V	b utterfly valv e	X a rm	cross arm	Exc	excavation	
В у р	b y pa ss	Xbuck	cross buck	Exst	existing	
C Gdrl	cable guardrail	Xsec	cross sections	Ex p	expa ns io n	
Calc	calculate	Xin g	crossing	Ехру	Expressway	
		73019		-^~j		
Cd	c andela	Crn	crown	E	external of curve	

-05	ractor or sarety
=	Fahrenheit
S	far side
=	farad
ed	Fede r al
HW A	Federal Highway Administration
•••••• ••••••••••••••••••••••••••••••	feed point
-t	feet/foot
-t Fn	fence
n P	fence post
-O	fiber optic
В	field book
-D	field drive
	fill
S	fine sand
FH .	fire hydrant
=1	flan ge
F ir d	flared
ES	flared end section
B cn	fla sh ing bea c on
A	flight auger sample
FL	flow line
t g	footing
FM .	force main
s	foresight
n d	foun d
d n	foundation
Fra c	fra ct io n al
Frwy	freeway
Frt	front
F	front face
Di s p	fuel dispenser
F P	fuel filler pipes
LS	fuel leak sensor
-urn	furnish/ed
G al	gallo n
3 alv	ga lv a n i z ed
3a r	ga r age
Gs L	ga s lin e
3 Reg	ga s lin e r eg ul ator
SMV	ga s m ai n v alve
3 Mtr	ga s m eter
3SV	ga s servic e valve
3V P	ga s v e nt pipe

factor of safety

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION				
	0 3- 0 1- 96			
R EVISIONS				
DA TE	CHANGE			
0 1-27- 9 7	Cont and CPVCP			
0 5- 0 5- 9 7	Added items			
12- 0 1- 04	PE stamp added			
0 3- 04 - 08	General revisions & standard # change (pages added)			

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